

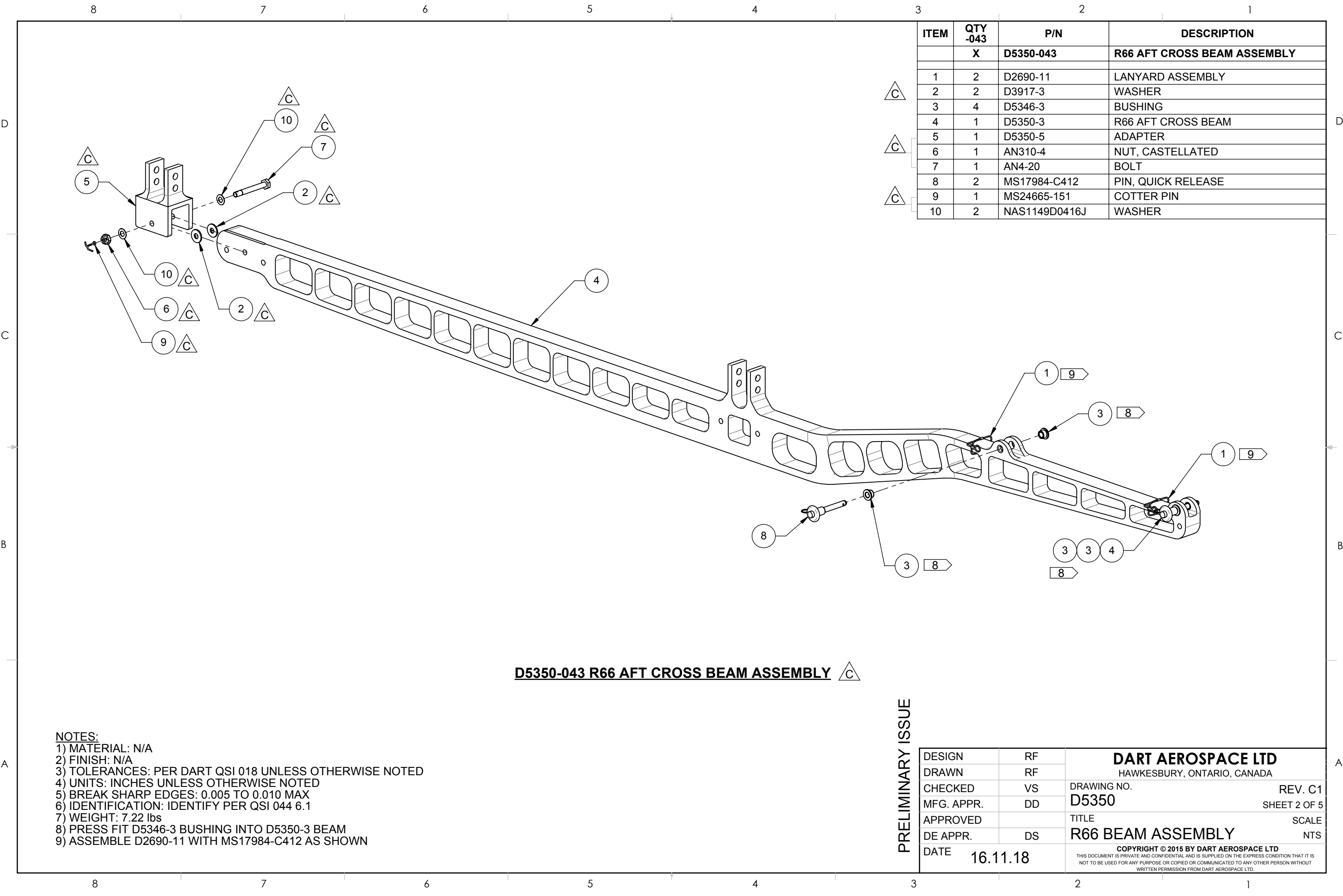
ITEM	QTY -041	P/N	DESCRIPTION
	X	D5350-041	R66 FWD CROSS BEAM ASSEMBLY
1	2	D2690-11	LANYARD ASSEMBLY
2	2	D3917-3	WASHER
3	1	D5205-1	BRACKET
4	4	D5346-3	BUSHING
5	1	D5350-1	R66 FWD CROSS BEAM
6	1	D5350-5	ADAPTER
7	2	AN3-13A	BOLT
8	1	AN310-4	NUT, CASTELLATED
9	1	AN4-20	BOLT
10	2	MS17984-C412	PIN, QUICK RELEASE
11	2	MS21042L3	NUT, SELF-LOCKING
12	1	MS24665-151	COTTER PIN
13	4	NAS1149D0316J	WASHER
14	2	NAS1149D0416J	WASHER

D5350-041 R66 FWD CROSS BEAM ASSEMBLY △C

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 5.96 lbs
 - 8) PRESS FIT D5346-3 INTO D5350-1
 - 9) TORQUE MS21042L3 NUTS TO 20-25 in-lb (2.3-2.8 N-m)
 - 10) ASSEMBLE D2690-11 WITH MS17984-C412 AS SHOWN

PRELIMINARY ISSUE

C	REDESIGN -1/-3/-041/-043 (ZN A4-1, A4-2, A4-3, A4-4); ADDED -5 (ZN A4-5) & NOTE 10 & 11 (ZN A8-3, A8-4); REVISE BOM's ZN (D3-1, D3-2)	RF	16.11.18
B	REDESIGN -1/-3/-041/-043 (ZN A4-1, A4-2, A4-3, A4-4)	RF	16.05.24
A	NEW ISSUE	RF	15.08.10
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO.	REV. C1
MFG. APPR.	DD	D5350	SHEET 1 OF 5
APPROVED		TITLE	SCALE
DE APPR.	DS	R66 BEAM ASSEMBLY	NTS
DATE	16.11.18	COPYRIGHT © 2015 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



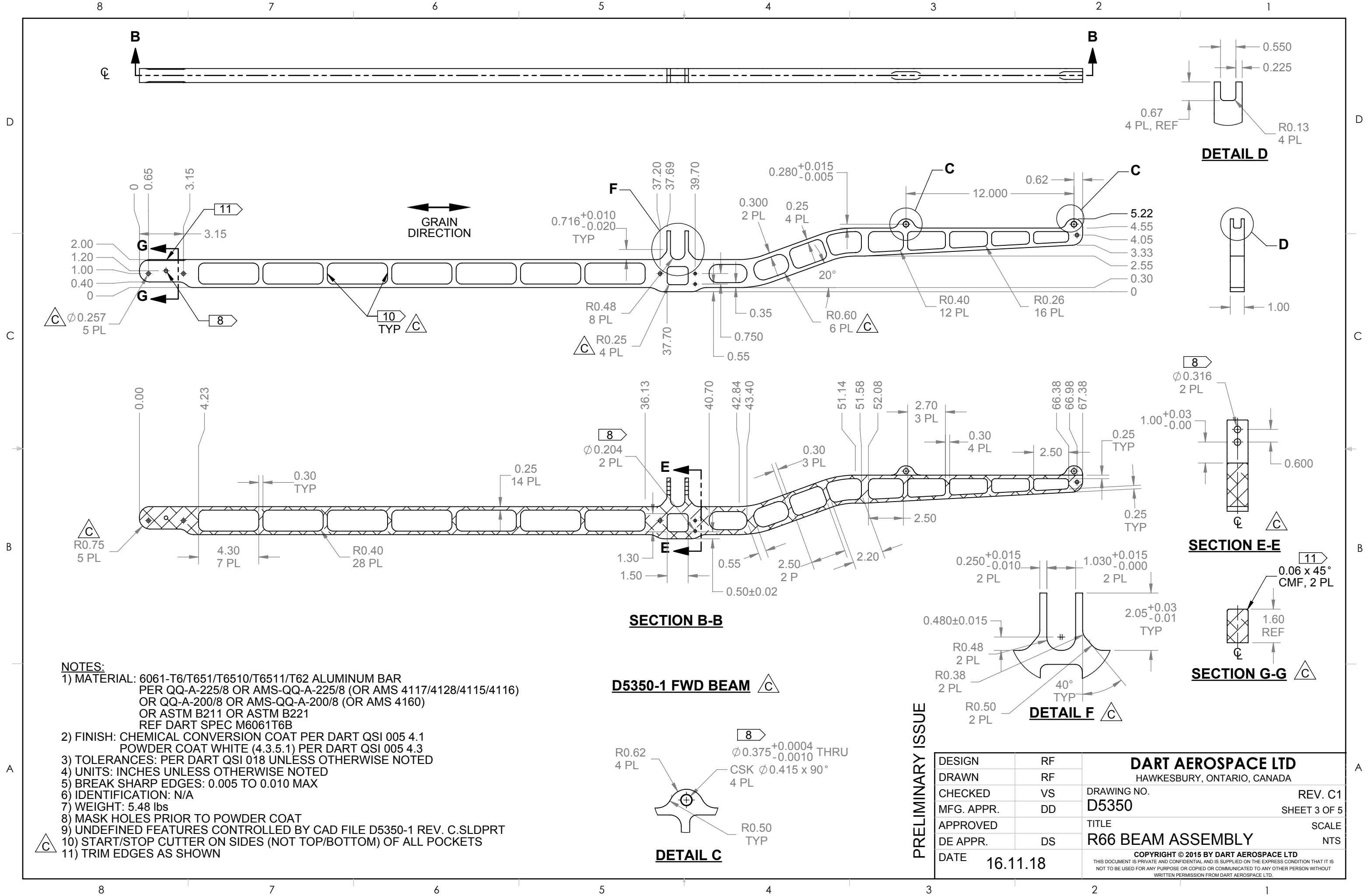
ITEM	QTY -043	P/N	DESCRIPTION
	X	D5350-043	R66 AFT CROSS BEAM ASSEMBLY
1	2	D2690-11	LANYARD ASSEMBLY
2	2	D3917-3	WASHER
3	4	D5346-3	BUSHING
4	1	D5350-3	R66 AFT CROSS BEAM
5	1	D5350-5	ADAPTER
6	1	AN310-4	NUT, CASTELLATED
7	1	AN4-20	BOLT
8	2	MS17984-C412	PIN, QUICK RELEASE
9	1	MS24665-151	COTTER PIN
10	2	NAS1149D0416J	WASHER

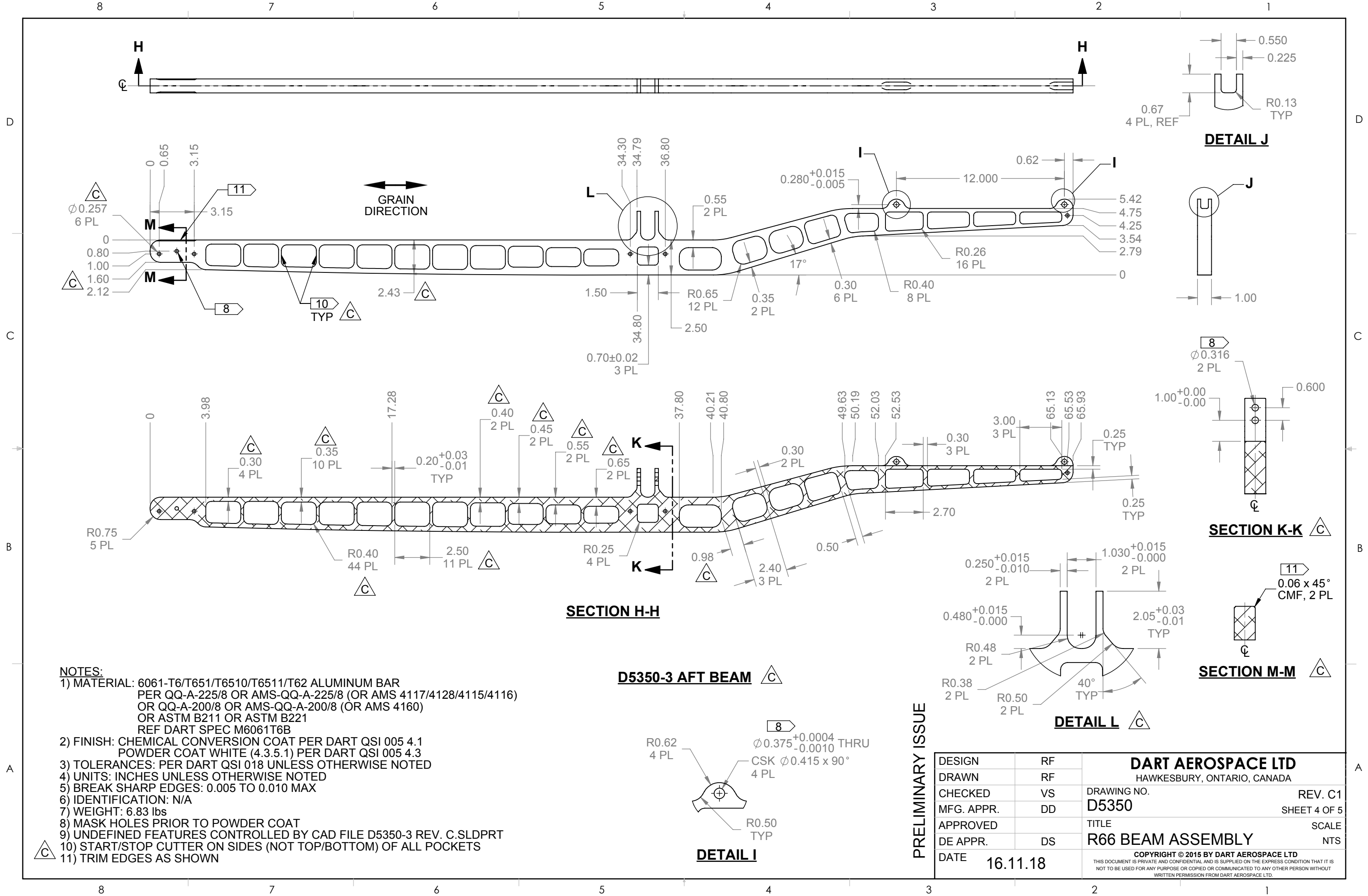
D5350-043 R66 AFT CROSS BEAM ASSEMBLY

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 7.22 lbs
 - 8) PRESS FIT D5346-3 BUSHING INTO D5350-3 BEAM
 - 9) ASSEMBLE D2690-11 WITH MS17984-C412 AS SHOWN

PRELIMINARY ISSUE

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO. D5350	REV. C1
MFG. APPR.	DD		SHEET 2 OF 5
APPROVED		TITLE R66 BEAM ASSEMBLY	SCALE NTS
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DATE	16.11.18		





NOTES:

- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 6.83 lbs
- 8) MASK HOLES PRIOR TO POWDER COAT
- 9) UNDEFINED FEATURES CONTROLLED BY CAD FILE D5350-3 REV. C.SLDPRT
- 10) START/STOP CUTTER ON SIDES (NOT TOP/BOTTOM) OF ALL POCKETS
- 11) TRIM EDGES AS SHOWN

D5350-3 AFT BEAM

DETAIL I

DETAIL J

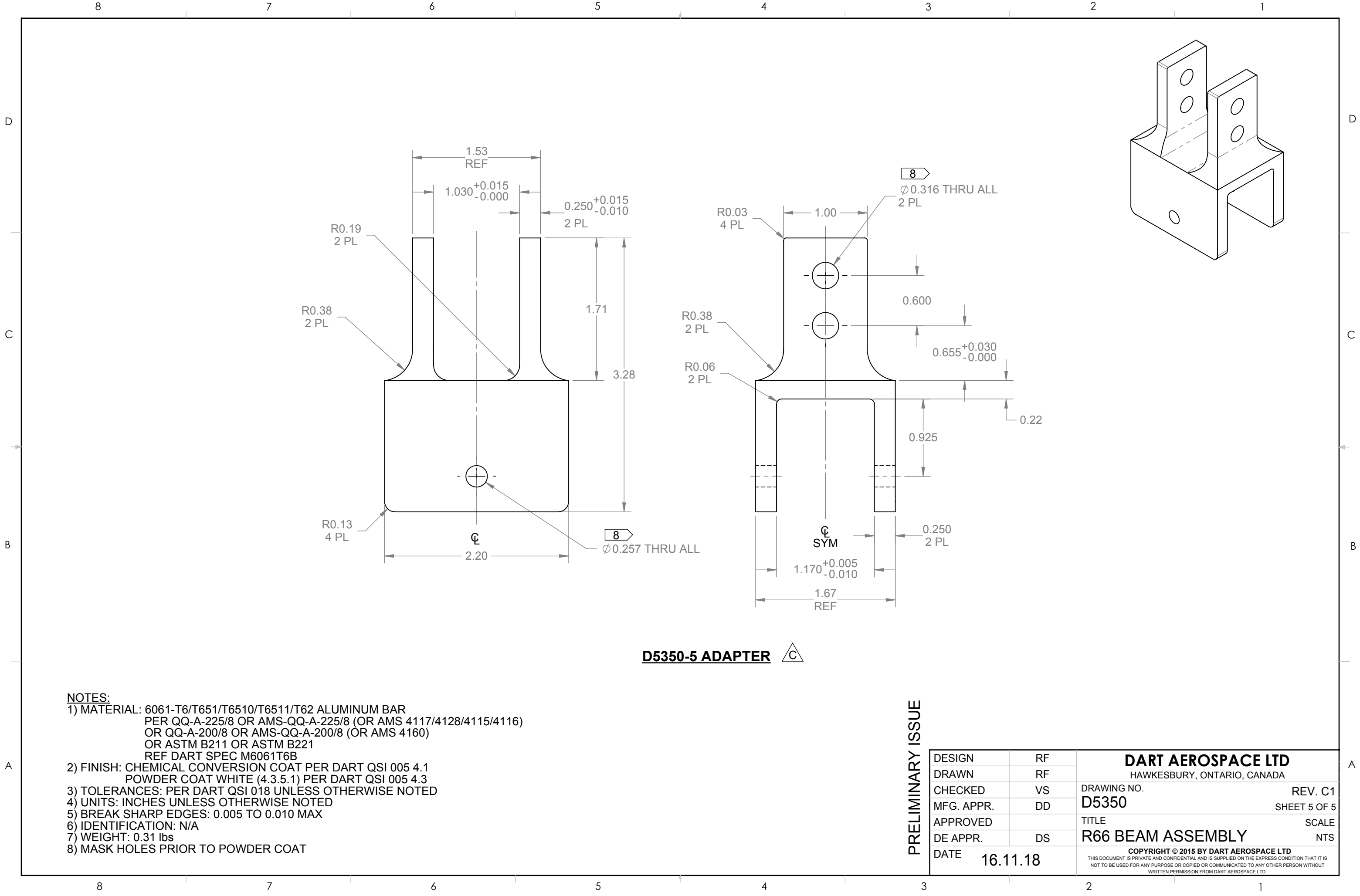
SECTION K-K

SECTION M-M

DETAIL L

PRELIMINARY ISSUE

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO. D5350	REV. C1
MFG. APPR.	DD	SHEET 4 OF 5	
APPROVED		TITLE	SCALE
DE APPR.	DS	R66 BEAM ASSEMBLY	NTS
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NOTES:

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PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.31 lbs
- 8) MASK HOLES PRIOR TO POWDER COAT

PRELIMINARY ISSUE

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO.	REV. C1
MFG. APPR.	DD	D5350	SHEET 5 OF 5
APPROVED		TITLE	SCALE
DE APPR.	DS	R66 BEAM ASSEMBLY	NTS
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